INTERNATIONAL SEARCH REPORT

Intermonal Application No PCT/CA 03/00459

According to International Patient Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Michierum documentation searched (classification system followed by classification symbols) IPC 7 H04Q Documentation searched other than minimum documentation to the extent that such documents are included in the Bidds searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, IBM-TDB C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Calation of document, with indication, where appropriate, of the relevant passages EP 0 486 089 A (PHILIPS ELECTRONICS UK LTD ; KONTINKL PHILIPS ELECTRONICS NV (NL)) 20 Nay 1992 (1992-05-20) column 2, 1 ine 38 -column 3, 1 ine 47 column 7, 1 ine 5 - 1 ine 29; figure 5 Y column 9, 1 ine 29 - 1 ine 29; figure 5 Y column 9, 1 ine 29 - 1 ine 29; figure 5 Y Column 1, 1 ine 5 - 1 ine 29; figure 5 Y Column 1, 1 ine 5 - 1 ine 29; figure 5 Y Column 1, 2 ine 38 -column 3, 1 ine 47 Category* (2004-046861 A1 (BODIN JANNICK ET AL) 29 November 2001 (2001-11-29) paragraph '0065! - paragraph '0083!; figure 4 Y EP 0 714 217 A (NIPPON TELEGRAPH & TELEPHONE) 29 May 1996 (1996-05-29) paragraph '016 yellow of the second content that part the international filting date of the column of the c	According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols)				
B. FIELDS SEARCHED Michael Commentation searched (classification system followed by classification symbols) TPC 7 H04Q	B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols)				
Decumentation searched (classification system followed by classification symbols) Decumentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, IBM-TDB C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to cliath No. X EP 0 486 089 A (PHILIPS ELECTRONICS UK LTD ; KONINKL PHILIPS ELECTRONICS NV (NL)) 12-18 20 May 1992 (1992-05-20) column 2, line 38 - column 3, line 47 column 7, line 5 - line 29; figure 5 20 Image 1, line 38 - column 3, line 47 column 7, line 5 - line 29; figure 5 29 November 2001 (2001-11-29) paragraph '0065! - paragraph '0083!; figure 4 Y EP 0 714 217 A (NIPPON TELEGRAPH & 9-11,19, 20 TELEPHONE) 29 May 1996 (1996-05-29) page 6, column 1 -page 7, column 10 Putter documents are listed in the continuation of box C. X Patent family members are listed in annex. The considered to be diparticular relevance which is included one or rater the international search that istar fram the principle or thought within a policiation or other special relevance which is called to establish they called solid but international training date or other special relevance in the relevance of the column of the international search that istar fram the principle or thought within the application but invention draw which is called one satistic the principle or the optimization or other special relevance in the continuation of the section of other special relevance in the continuation of the section of other special relevance in the continuation of the section of other special relevance in the continuation of the section of other special relevance in the continuation of the section of the section of the international search in the relevance in the continuation of the section of the international search in the c	Minimum documentation searched (classification system followed by classification symbols)				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicel, search terms used) EPO-Internal, WPI Data, IBM-TDB C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Catego					
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, IBM-TDB C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with Indication, where appropriate, of the relevant passages Relevant to claim No. X	IPC 7 H04Q				
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, IBM-TOB C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X EP 0 486 089 A (PHILIPS ELECTRONICS UK LTD ; KONINKL PHILIPS ELECTRONICS NV (NL)) 12-18 20 Nay 1992 (1992-05-20) column 2, line 38 -column 3, line 47 column 7, line 5 - line 29; figure 5 column 7, line 5 - line 29; figure 5 y column 9, line 29 - line 55 X US 2001/046861 A1 (BODIN JANNICK ET AL) 1-5, 29 November 2001 (2001-11-29) paragraph '0065! - paragraph '0081; figure 4 Y EP 0 714 217 A (NIPPON TELEGRAPH & 9-11,19, TELEPHONE) 29 May 1996 (1996-05-29) page 6, column 1 -page 7, column 10 Putther documents are listed in the continuation of box C. * Special categories of cited documents: ** Special categories of cited documents: ** document published after the international filing date or priority data and not in conflict with the application but claim to other perceid reason (as specified) sealored continuent to be of particular relevance, the claimed invention other man other mass in the priority data and not in conflict with the application but claim of other perceid reason (as specified) sealored continuent on the priority of the policy data and not in conflict with the application but claim of other perceid reason (as specified) sealored on the priority of the policy data and not in conflict with the application but claim of other perceid reason (as specified) sealored on the priority of the policy data and not in conflict with the application but claim of other perceid reason (as specified) sealored on the priority of the priority of the priority of the policy data of not in conflict with the application but claim of the priority of the prior					
EPO-Internal, WPI Data, IBM-TDB C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with Indication, where appropriate, of the relevant passages Relevant to claim No. X	Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
EPO-Internal, WPI Data, IBM-TDB C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with Indication, where appropriate, of the relevant passages Relevant to claim No. X					
C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant pessages Relevant to claim No. X EP 0 486 089 A (PHILIPS ELECTRONICS UK LTD; (KONINKL PHILIPS ELECTRONICS NV (NL)) 20 May 1992 (1992–05–20) column 2, 1ine 38 -column 3, 1ine 47 column 7, 1ine 5 - 1ine 29; figure 5 y column 9, 1ine 29 - 1ine 55 X US 2001/046861 A1 (800IN JANNICK ET AL) 29 November 2001 (2001–11–29) paragraph '0065! - paragraph '0083!; figure 4 Y EP 0 714 217 A (NIPPON TELEGRAPH & 9–11,19, 20 TELEPHONE) 29 May 1996 (1996–05–29) page 6, column 1 -page 7, column 10 Further documents are listed in the continuation of box C. X Patent family members are listed in annex. *Special categories of clied documents: "T' later document published and or after the International liting date in the state of our page 7, column 10 Telephone of the production of the published on or after the International liting date or which is cited to establish the published on date of enother which may throw doubts on priority claim(q) or which is cited to establish the published of an other citation or other special reason (se specified) "O' document deletring to an oral disclosure, use, exhibition or or other special reason (se specified) "O' document published prior to the International liting date or orange of the published on the priority date claimed Date of the scrutz completion of the International liting date to the exhibit or particular relevance, the claimed Invention remains to considered to involve an inventible step when the document is laken alone of the actual completion of the International liting date to the exhibit or particular relevance, the claimed Invention remains to particular relevance, the claimed Invention and the exhibit or cannot be considered to involve an inventional to enough the priority date claimed To document published prior to the International liting date but the actual completion of the International search report 26/01/2004	Electronic data base consulted during the international search (name of data base and, where practical, search terms used)				
Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.	EPO-Internal, WPI Data, IBM-TDB				
Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.					
Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.					
X EP 0 486 089 A (PHILIPS ELECTRONICS UK LTD 1-8,		west to claim No			
; KONINKL PHILIPS ELECTRONICS NV (NL)) 20 May 1992 (1992–05–20) column 2, line 38 -column 3, line 47 column 7, line 5 - line 29; figure 5 column 9, line 29 - line 55 X US 2001/046861 A1 (BODIN JANNICK ET AL) 29 November 2001 (2001–11–29) paragraph '0065! - paragraph '0083!; figure 4 Y EP 0 714 217 A (NIPPON TELEGRAPH & 9–11,19, TELEPHONE) 29 May 1996 (1996–05–29) page 6, column 1 -page 7, column 10 Further documents are listed in the continuation of box C. X Patent family members are listed in annex. Y Further document defining the general state of the art which is not considered to be of particular relevance or cannot be considered to be of particular relevance or cannot be considered to be of particular relevance or cannot be considered to be of particular relevance or cannot be considered to be of particular relevance or cannot be considered to be of particular relevance or cannot be considered to be of particular relevance or cannot be considered to long the counterflying the invention or other means To document referring to an ord idisclosure, use, exhibition or other resears Production or other special reason (as specified) To document referring to an ord idisclosure, use, exhibition or other means Production or other special reason (as specified) To document referring to an ord idisclosure, use, exhibition or other means Production or other special reason (as specified) To document referring to an ord idisclosure, use, exhibition or other means Production or other special reason (as specified) To document referring to an ord idisclosure, use, exhibition or other means Production of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with or are more other such document is combined with or are more other such document is combined with or are more other such document is combined with or are more ot	Category Citation of document, with indication, where appropriate, of the relevant passages	vani to claim No.			
; KONINKL PHILIPS ELECTRONICS NV (NL)) 20 May 1992 (1992–05–20) column 2, line 38 -column 3, line 47 column 7, line 5 - line 29; figure 5 column 9, line 29 - line 55 X US 2001/046861 A1 (BODIN JANNICK ET AL) 29 November 2001 (2001–11–29) paragraph '0065! - paragraph '0083!; figure 4 Y EP 0 714 217 A (NIPPON TELEGRAPH & 9–11,19, TELEPHONE) 29 May 1996 (1996–05–29) page 6, column 1 -page 7, column 10 Further documents are listed in the continuation of box C. X Patent family members are listed in annex. To later document published after the international filing date or priority date and not in conflict with the application but closed to each particular relevance to be of particular relevance or classified sets in the published on or after the international filing date or or other special reason (as especified) "Y document referring to a nord idisclosure, use, exhibition or other special reason (as especified) "Or document referring to a nord idisclosure, use, exhibition or other special reason (as especified) "Y document referring to a nord idisclosure, use, exhibition or other special reason (as especified) "Y document referring to a nord idisclosure, use, exhibition or other special reason (as especified) "Y document referring to a nord idisclosure, use, exhibition or other means "P document published prior to the international filing date but later than the priority date datined invention cannot be considered to involve an inventive step when the document is combined with ore or more other such document is combined with ore or more other such document is combined with ore or more other such document is combined with ore or more other such document is combined with ore or more other such document is combined with ore or more other such document is combined with ore or more other such document is combined with ore or more other such document is combined with ore or more other such document is combined with ore	X EP 0 486 089 A (PHILIPS ELECTRONICS UK LTD 1-8	3 ,			
Column 2, line 38 -column 3, line 47 column 7, line 5 - line 29; figure 5 V	;KONINKL PHILIPS ELECTRONICS NV (NL)) 12-	·18			
Y column 7, line 5 - line 29; figure 5 Y column 9, line 29 - line 55 X US 2001/046861 A1 (B0DIN JANNICK ET AL) 29 November 2001 (2001-11-29) 20 paragraph '0065! - paragraph '0083!; 29 Figure 4 Y EP 0 714 217 A (NIPPON TELEGRAPH & 9-11,19, 20 Further documents are listed in the conlinuation of box C. Special categories of cited documents: A document defining the general state of the art which is not considered to be of particular relevance which is cited to establish the publication and tilling date or which is cited to establish the publication and tilling date or which is cited to establish the publication and of another or other means. The document which may throw doubts on priority claim(s) or which is cited to establish the publication and the or considered to the or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention To document defining the general state of the art which is cited to establish the publication and the considered novel or cannot be considered to involve an inventive step when the document is taken alone which is cited to establish the publication and the considered novel or cannot be considered to involve an inventive step when the document is taken alone which is cited to establish the publication and the considered novel or cannot be considered to involve an inventive step when the document is taken alone which is cited to establish the publication of the international filing date but lister than the priority date claimed To document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone which is cited to establish the publication and the considered novel or cannot be considered to involve an inventive step when the document is taken alone which is cited to establish the publication and the considered novel or cann					
Second comment of the principle of the actual completion of the actual completion of the actual completion of the laterational search Value of the actual completion of the international search 14 January 2004 26/01/20	column 7, line 5 - line 29; figure 5				
X US 2001/046861 A1 (B0DIN JANNICK ET AL) 29 November 2001 (2001–11–29) paragraph '0065! – paragraph '0083!; figure 4 Y EP 0 714 217 A (NIPPON TELEGRAPH & 9–11,19, TELEPHONE) 29 May 1996 (1996–05–29) page 6, column 1 –page 7, column 10 Further documents are listed in the continuation of box C. * Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "I'd document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specifiled) "O' document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the International filing date but later than the priority date claimed Date of the actual completion of the International search 14 January 2004 Date of mailing of the international search Date of mailing of the international search report 26/01/2004		.1,19,			
29 November 2001 (2001–11–29) paragraph '0065! – paragraph '0083!; figure 4 Y EP 0 714 217 A (NIPPON TELEGRAPH & 9–11,19, TELEPHONE) 29 May 1996 (1996–05–29) page 6, column 1 –page 7, column 10 Further documents are listed in the continuation of box C. * Special categories of cited documents: A* document delining the general state of the art which is not considered to be of particular relevance *E* earlier document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *C* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the International search 14 January 2004 133–15 9–11,19, 20 *T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone "Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone "Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is step value to involve an inventive step when the document is step value to involve an inventive step when the document is step value to involve an inventive step when the document is step value to involve an inventive step when the document is step value to involve an inventive step when the document is step value to involve an inventive step when the document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such document is combined w					
paragraph '0065! - paragraph '0083!; figure 4 Per D 714 217 A (NIPPON TELEGRAPH & 9-11,19, TELEPHONE) 29 May 1996 (1996-05-29) page 6, column 1 -page 7, column 10 Further documents are listed in the continuation of box C. Patent family members are listed in annex. *Special categories of cited documents: A' document delining the general state of the an which is not considered to be of particular relevance A' document but published on or after the international filing date C' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) C' document telering to an oral disclosure, use, exhibition or other means P' document uplished prior to the international filing date but later than the priority date claimed Date of the ectual completion of the International search 14 January 2004 Patent family members are listed in annex. *T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention cannot be considered to periodical invention cannot be considered to involve an inventive step when the document is taken alone which is cled to establish the publication date of another continuation being obvious to a person skilled in the art. *** document member of the same patent family Date of the ectual completion of the International search report 26/01/2004	X US 2001/046861 A1 (BODIN JANNICK ET AL) 1-5				
Further documents are listed in the continuation of box C. * Special categories of cited documents: *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document reterring to an oral disclosure, use, exhibition or other means *P* document published prior to the International filing date but later than the priority date claimed Date of the actual completion of the International search 14 January 2004 Patent family members are listed in annex. *T* later document published after the International filing date or priority date and not in conflict with the application but clied to understand the principle or theory underlying the invention. *X** document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone which is circled to establish the publication date of another claimed invention cannot be considered to involve an inventive step when the document is taken alone which is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *8** document member of the same patent family Date of mailing of the international search report		-13			
TELEPHONE) 29 May 1996 (1996–05–29) page 6, column 1 –page 7, column 10 Further documents are listed in the continuation of box C. *Special categories of cited documents: *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filling date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 14 January 2004 Zef/01/2004		1			
TELEPHONE) 29 May 1996 (1996–05–29) page 6, column 1 –page 7, column 10 Further documents are listed in the continuation of box C. *Special categories of cited documents: *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 14 January 2004 26/01/2004	Y FP 0 714 217 A (NIPPON TELEGRAPH & 9-1	11,19,			
Further documents are listed in the continuation of box C. Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filling date "I" later document published after the international filling date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone with the release of the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "B" document member of the same patent family Date of the actual completion of the International search 14 January 2004 "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the considered novel or cannot be considered invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document published prior to the international filing date but invention. "Y" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined w	TELEPHONE) 29 May 1996 (1996-05-29)	,			
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filling date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filling date but later than the priority date claimed Date of the actual completion of the international search "A" tater document published after the international filling date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family Date of mailing of the international search report 26/01/2004 	page 6, column 1 -page 7, column 10				
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search "A" to document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family Date of mailing of the international search report 26/01/2004 					
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search "A" to document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family Date of mailing of the international search report 26/01/2004 					
 Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filling date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filling date but later than the priority date claimed Date of the actual completion of the international search "A" tater document published after the international filling date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family Date of mailing of the international search report 26/01/2004 					
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filling date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document published prior to the international filling date but later than the priority date clalmed "P" document published prior to the international filling date but later than the priority date clalmed "Date of the actual completion of the international search "A" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "8" document member of the same patent family Date of mailing of the international search report 26/01/2004	Further documents are listed in the continuation of box C. X Patent family members are listed in annex.				
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filling date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "Date of the actual completion of the international search "A document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone cannot be considered novel or cannot be considered n	"T" later document published after the international filing	ng date			
"E" earlier document but published on or after the international filling date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filling date but later than the priority date claimed Date of the actual completion of the international search 14 January 2004 "X* document of particular relevance; the claimed invention cannot be considered novel or cannot be	"A" document defining the general state of the an which is not cited to understand the principle or theory underly				
which is cited to establish the publication date of enother citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 14 January 2004 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such document is combined with one or more other such document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents.	"E" earlier document but published on or after the international filling date "X" document of particular relevance; the claimed inverse cannot be considered novel or cannot be considered.	red to			
control be considered to involve an inventive step when the document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 14 January 2004 cannot be considered to involve an inventive step when the document is combined with one or more other such documen	"L" document which may throw doubts on priority claim(s) or involve an inventive step when the document is ta which is cited to establish the publication date of another "Y" document of particular relevance; the claimed inventive step when the document is ta	aken alone			
"P" document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search 14 January 2004 Date of mailing of the international search report 26/01/2004	citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or cannot be considered to involve an inventive step document is combined with one or more other suc	when the ch docu-			
Date of the actual completion of the International search 14 January 2004 Date of mailing of the international search report 26/01/2004	"P" document published prior to the International filing date but in the art.	on skilled			
14 January 2004 26/01/2004					
Name and mailion address of the ISA Authorized officer	14 January 2004 26/01/2004				
European Patent Office, P.B. 5818 Patentlaan 2					
NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fey: (+31-70) 340-2046 Poort, I	NL – 2280 HV Rijswijk				

INTERNATIONAL SEARCH REPORT

'information on patent family members

Intermonal Application No PCT/CA 03/00459

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0486089	Ä	20-05-1992	GB	2249918 A	20-05-1992
_, 0,0000	- •		DE	69130051 D1	01-10-1998
			DE	69130051 T2	01-04-1999
			EP	0486089 A2	20-05-1992
			ES	2122965 T3	01-01-1999
			JP	3011803 B2	21-02-2000
			JP	4268834 A	24-09-1992
			KR	243450 B1	01-02-2000
			US	5258981 A	02-11-1993
US 2001046861	A1	29-11-2001	FR	2809562 A1	30-11-2001
00 20020 10000			AU	4622701 A	29-11-2001
			CN	1326305 A	12-12-2001
			EP	1158829 A1	28-11-2001
			JP	2002027524 A	25-01-2002
EP 0714217	A	29-05-1996	JP	2910826 B2	23-06-1999
			JP	8149554 A	07-06-1996
			JP	3042755 B2	22-05-2000
			JP	8149550 A	07-06-1996
			JP	8289362 A	01-11-1996
			CN	1132991 A ,	
			EP	0714217 A2	29-05-1996
			US	5903838 A	11-05-1999
			US	5774807 A	30-06-1998
			US	6108541 A	22-08-2000